Approved For Release 2002/08/15: CIA RDR82-00457R013000340009-5 CENTRAL INTELLIGENCE AGENCY REPORT NO. INFORMATION REPORT CD NO. 25X1A

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COUNTRY	Poland	DATE DISTR.	14 August 1)52
SUBJECT	Clectric Power Distributing Networks	NO. OF PAGES	6
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REPORT NO.

1. Electric power is supplied to the Electric Power Center in Katowice (Q 51/Y 57) by the Chorzow III (Q 51/Y 57) District Power Plant (Elektrownia Okregowa). The Electric Power Center is equipped with:

		Capac	ity	Transformer	Hatlo
	three-phase current transformers	7770	kva	6,180 v to	468 v
	three-phase current transformers	3,225	kva	6,180 v to	1430 v
	three-phase current transformers	1,050	kva	468 v to	600 v
11	three-phase current transformers	2,150	kva	430 v to	600 v
2	three-phase current transformers	وبلاا	kva	512 v to	650 v

The Electric Power Center distributes 6,900,000 kw-h per year. One network is fed with three-phase current and operates at a voltage of 6,000 v. Another network is fed with direct current and operates at a voltage of 550 v.

- 2. Power is supplied to the Chorzow I Municipal Electric Power Plant by the Chorzow III County Power Plant. The Municipal Electric Power Plant has 63 three-phase current transformers with a capacity of 2,661 kva and a transformer ratio of 3,000 v to 150 v. This network distributes 5,680,000 kw-h annually.
- 3. Power is supplied to the Electric Power Distributing Network of Skoczow (Q 50/ X 68), Cieszyn (Teschen) (Q 50/0 88) district, by the County Electric Power Plant of Cieszyn. The network has four three-phase current transformers with a capacity of 460 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 7,900,000 kw-h annually.
- 4. Power is supplied to the Electric Power Distributing Network of Opole (Oppeln) (P 51/D 81) by the Opole Nunicipal Power Plant and the power station of the Groszowice (P 51/D 81) Cement Factory. The distributing network has a voltage of 4,000 v and 380/220 v. No information is available concerning the number of transformers and the amount of power distributed.

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- 5. Power is supplied to the Electric Power Distributing Network of Raciborz (Ratibor) (P 51/Y 05) by the power plant of the Anna Mine in Rytnik (Q 51/Y 25) and by the Nysa (Neisse) (P 51/H 75) Sieci Elektryczne (electric networks). The Raciborz distributing network has seven three-phase current transformers with a capacity of 1,915 kva and a transformer ratio of 6,000 v to 220 v. This network distributes 4,500,000 kw-h annually.
- 6. Power is supplied to the Electric Power Distributing Network of Oswiecim (Auschwitz) (Q 51/Y 74), by the District Electric Power Plant of the Cracow Coal Basin (Elektrownia Okregowa w Zaglebiu Krakowskim) in Siersza Wodna (Q 51/Y 86) and the power plant of the chemical factory in Oswiecim. The distributing network has six three-phase current transformers with a capacity of 530 kva and a transformer ratio of 5,000 v to 380/220 v. The network distributes 600,000 kw-h per year.
- 7n Power is supplied to the Lodzkie Elektryczne Koleje Dojazdowe (Suburban Electric Railway) in Lodz (Q 52/0 93) by the Lodz and Zgierz (Q 52/0 94) electric power plants. This railway has its own distributing network and is equipped with:

		Capa	city	Transformer 3	atio
1	three-phase current trans-			Martinente, and Allendage in which has plated buyen. Eval	RANFOPPHRIS. (8
	former	10	kva	35 ₀ 000 v to 2	40 v
1	three-phase current		ı		
	transformer	10	kva	3,000 v to 2	20 v
2	threc-phase current				
	transformers	35	kva	3,000 v to 1	20 v
7	three-phase current				
	transformers	714	kva	3,000 v to 6	00 v
ઇ	three-phase current				•
	transformers	2,100	kva	3,000 v to 6	30 v

One network is fed with three-phase current and operates at a voltage of 35,000, 3,000, 220 and 120 v. Another network is fed with direct current and operates at a voltage of 600 v. The power distributed in 1950 amounted to 5,210,000 kw-h.

8. Power is supplied to the Electric Power Distributing Network of Ruda Pabjanicka (Q 52/0 93), near Lodz by the Lodz Electric Power Plant. The network has the following equipment:

1 three-phase current	Capacity	Transformer Ratio
transformer 2 three-phase current	2,500 kva	30,000 v to 3,000 v
transformers 35 three-phase current	3,200 kva	30,000 v to 3,000 v
transformers 7 three-phase current	1,300 kva	3,000 v to 330/220 v
transformers	330 kva	6,600 v to 380/220 v

The Ruda Pabjanicka network distributes 1,292,000 kw-h per year.

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9. Power is supplied to the Emnicipal Electric Power Plant (Hiejski Zaklad Elektryczny) in Pablanice (2 52/0 82) near Lodz by the Lodz Electric Power Plant. It has the following equipment:

3 three-phase current	Capacity	Transformer latio
transformers 20 three-phase current	3,050 kva	30,000 v to 3,000 v
transformers	1,455 kva	3,000 v to 380/220 v

This plant distributes 3,270,000 kw-h annually.

- 10. Power is supplied to the Electric fower Distributing Habbork of Konstantynow (Q 52/0 83), Lodz district, by the Lodz electric fower Plant. The distributing network has three-phase current transformers with a capacity of 410 kva and a transformer ratio of 6,000 v to 380/220 v. No information is available concerning the number of transformers. This network distributes 592,000 kw-h per year.
- 11. Power is supplied to the Eunicipal electric Power Plant (Hiejski Zaklad Elektryczny) in Ozorkow (Q 52/0 86), Laczyca (Q 53/0 77) district, by the Egierz Electric Power Plant. The Humicipal Electric Power Plant has the following equipment:

1 three-phase current	Capacity	Transformer Ratio
transformer 2 three-phase current	400 kva	35,000 v to 380/220 v
transformer	. 125 kva	3,000 v to 330/220 v

This plant distributes 601,000 kw-h annually.

12. Power is supplied to the County Electric Power Center (Powiatowa Centrala Elektryczna) in Kutno (2 53/0 89) by the Kujawic County Electric Power Plant (Elektrownia Okregowa) in Moclawek (2 53/J 73) and by the Lowicz (2 53/P 27) Electric Power Center. The Kutno District Electric Power Center has the following equipment:

2 three-phase current	Capacity	Transformer Ratio
transformers 6 three-phase current	820 kva	30,000 v to 6,000 v
transformers	660 kva	6,000 v to 380/220 v

This network distributes 2,284,000 km-h annually.

13. The Electric Power Distributing Network of Konskie (R 52/U 57) has the following equipment.

2 three-phase current	Capacity	Transfermer latio
transformers 2 three-phase current	640 kva	30,000 v to 380/220 v
transformers 2 alternating current	320 kva	6,000 v to 380/220 v
transformers	10 kva	6,000 v to 220 v

No information is available as to which plant supplies power to the Konskie network. The annual power distribution of this network is $861,000~kw-h_{\circ}$

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14. Power is supplied to the Electric Power Center (Centraln Elektryczna) in Skarzysko-Kamienna (R 52/U 96), Konskie district by the power plant of the Starachowiem (R 52/U 95) Mining Industry (Starachowickie Zaklady Gornicze), by the Kielce (R 51/U 73) Electric Power plant and by other unidentified power plants. The Centrala Elektryczna Skarzysko-Kamienna has the following equipment:

139 three-phase current	Capacity	Transformer latio
transformers 20 alternating current	26,180 kva	33,000 v to 220 v
transformers	147.5 kva	33,000 v to 220 v

This network distributes 14,276,000 kw-h annually.

15. Fower is supplied to the Electric Power Distributing Network of Skarzysko-Kamienna, Konskie district, by the Electric Power Center in Skarzysko-Kamienna. The network has the following equipment:

2 three-phase current	Capacity	Transformer tatio
transformers 10 three-phase current transformers	2,000 kva	33,000 v to 3,000 v
	1,025 kva	3,000 v to 380/220 v

This network distributes 1,992,000 kw-h annually.

16. Power is supplied to the Electric Power Distributing Network of Tomaszow Mazowiecki (Q 52/P 31) by the Piotrkow (Q 52/U 19) Electric Power Plant. The network has the following equipment:

4 three-phase current	Capacity	Transformer Ratio
transformers 19 three-phase current	2,500 kva	35,000 v to 6,000 v
transformers	1,635 kva	6,000 v to 380/220 v

This network distributes 2,637,000 kw-h annually.

- 17. Power is supplied to the Electric Power Center in Lowicz ("Zemwar") (2 53/P 27) by the Lowicz and the Wloclawek County Electric Power Plants. The electric power center has two three-phase current transformers with a capacity of 800 kva and a transformer ratio of 30,000 v to 3,000 v. This network distributes
- 18. The Electric Power Distributing Network of Radomsko (2 52/T 96) has the following equipment:

2 three-phase current	Capacity	Transformer Ratio
transformers 10 three-phase current	1,600 kva	35,000 v to 6,000 v
transformers	804 kva	6.000 v to 380/220

No information is available as to which plants supply power to the Radomsko network. This network distributes 2,500,000 to 3,000,000 km-h per year.

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19. Power is supplied to the Electric Power Distributing Network of Pruszkow (R 53/P 88) by the Pruszkow District Electric Power Plant. The network has the following equipment:

15 three-phase current	Capacity	Transformer Ratio
transformers 2 three-phase current	1,495 kva	5,250 v to 380/220 v
automatic transformers	2,300 kva	5,500 v to 5,200 v

This network distributes 6,252,000 km-h per year.

20. Power is supplied to the Electric Power Distributing Network of Jarszawa-Wola (R 53/L 09) by the Warsaw District Electric Power Plant (Elektrownia Okregu Warszawskiego). The network has the following equipment:

4 three-phase current	Capacity	Transformer Ratio
transformers 68 three-phase current	7,500 kwa	35,000 v to 5,500 v
transformers	9,570 kva	3,500 v to 380/220 v

This network distributes 11,100,000 kw-h per year.

- 21. Power is supplied to the Electric Power Sistributing Station (Zaklad Rozdzielczy) in Grodzisk-Mazowiecki (R 53/P 77), Blonie (R 53/P 78) district, by the Warsaw District Electric Power Plant. The distributing station has six three-phase current transformers with a capacity of 280 kva and a transformer ratio of 5,000 v to 380/220 v. This station distributes 920,000 kw-h per year.
- 22. Power is supplied to the Electric Power Center for the Chodziez (Kolmar) (P 53/S 12) district by the Tyrzysk (Wirsitz) (P 54/S 34) Electric Power Center. The Chodziez Electric Power Center has 44 three-phase current transformers with a capacity of 1,220 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 706,000 kw-h per year.
- 23. Power is supplied to the **District** Electric Power Distributing Network (Siec Okregowa) of the Miedzychod (Birnbaum) (0.53/7.57) district, by the Keszyce (P.52/D.08) Electric Power Plant. The network is equipped with 40 three-phase current transformers with a capacity of 1,757 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 680,000 kw-h per year.
- 24. The Myrzysk Electric Power Center has the following equipment:

24 three-phase current	Capacity	Transformer Ratio
transformers 167 three-phase current	745 kva	15,000 v to 1,000 v
transformers 6 three-phase current	2,576 kva	15,000 v to 380/220 v
transformers	30 kva	1,000 v to 380/220 v

No information is available as to which plant supplies power to this network. The Wyrzysk Electric Power Center distributes 3,138,000 km-h per year.

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25. Power is supplied to the Electric Power Distributing Network of Torun (Thorn) (Q 54/J 39) by the Torun Electric Power Plant. The network has the following equipment:

33 three-phase current	Capacity	Transformer Ratio
transformers	4,255 kva	6,000 v to 380/220 v
2 three-phase current transformers	400 kva	6,200 v to 2 x 220 v
2 three-phase current transformers	800 kva	6,200 v to 560 v

This network distributes 6,925,000 kw-h per year,

- 26. Power is supplied to the **County** Electric Power Center (Powiatowa Centrala Elektryczna) in Grudziadz (Graudenz) (Q 54/D 53) by the Municipal Electric Power Plant in Grudziadz. The District Electric Power Center is equipped with 72 three-phase transformers with a capacity of 1,824 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 1,536,000 kw-h per year.
- 27. Power is supplied to the District Electric Power Center in Chelmno (Culm) (Q 5h/D 31) by the hydro-electric power plants in Grodek (Q 5h/D 23) and in Zur (Q 5h/D 23). The District Electric Power Center is equipped with 117 three-phase current transformers with a capacity of 5,360 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 2,981,000 kw-h per year.
- 28. Power is supplied to the Electric Power Distributing Network of Izbica (S 51/R 54), Krasnystaw (S 51/R 55) district, by the Zamosc (S 51/R 52) County Electric Power Plant. The network has one three-phase current transformer with a capacity of 400 kva and a transformer ratio of 15,000 v to 380/220 v. The network distributes 780,000 kw-h annually.
- 29. Power is supplied to the Municipal electric Power Plant in Gdynia (Q 55/Y 44) by the hydro-electric power plants of Grodek and Zur and the Rutki County Electric Power Plant of the Kartuzy (Karthaus) (P 55/Y 12) district. The Municipal Power Plant is equipped with 41 three-phase current transformers with a capacity of 2,900 kva and a transformer ratio of 15,000 v to 380/220 v. This network distributes 5,310,000 kw-h per year.
- 30. Power is supplied to the Electric Power Distributing Network of the lity of Danzig (Q 55/Y 42) by the hydro-electric power plants of Grodek and Zur and the Rutki County Electric Power Plant of the Kartuzy district. The network is equipped with 27 three-phase current transformers with a capacity of 2,425 kva and a transformer ratio of 15,000 to 380/220 v. This network distributes 5,190,000 kw-h annually.

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